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U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT

I. HEADING

DATE: November 12, 2002

SUBJECT: Industrial Highway/Conservation Chemical Site, Gary, Lake County, IN

FROM: Steve Faryan, OSC, U.S. EPA, Region 5, ERB, RS1, Chicago, IL

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POLREP 29

II. BACKGROUND

CERCLA Site No:	Z590
CERCLIS ID Number:	IND040888992
Delivery Order Number:	3141-25
Response Authority:	OPA/CERCLA
OPA ID Number:	FPN#: 098022
Account Number:	90
NPL Status:	Not on NPL
IDEM Notification:	Yes
Start Date:	Sept 1998
Completion Date:	Pending

III. SITE INFORMATION

- A. See POLREP 1-26 for previous U.S. EPA removal actions. U.S. EPA has re-mobilized to the Conservation Chemical/ Industrial Highway site at 6499 Industrial Highway in Gary, Indiana. U.S. EPA will install six recovery wells and a treatment building and system to collect an estimated 125,000 gallons of free product (crude oil) which lies beneath the former Berry Oil refinery and Conservation Chemical (CCCI) site. The installation and operation of the oil collection system will halt the release of oil to the unnamed ditch on the Gary/Chicago Airport which is a tributary to the Grand Calumet River. The CCCI site was completed in 2002 under a PRP lead consent order which was overseen by U.S. EPA.

IV. RESPONSE INFORMATION

A. Situation

1. Planned Activities:

ERRS will complete construction of the infiltration gallery and install the piping for the overflow trench. Stub ups for the proposed water treatment building will be excavated. Sand, stone, and slag will be mobilized to the site. All waste soil generated during site excavation activities will be consolidated.

The permit for planned construction of the treatment building was received from the City of Gary and construction will begin on November 13. Planned construction will take 3-4 weeks to complete the installation of concrete pad and footers and the 20' by 20' treatment building.

Excavated soil was sampled and found to be hazardous as results were above the TCLP levels for lead. This soil will be chemically fixated with lime kiln dust and disposed of off-site. This fixation and disposal will be completed using CERCLA funding available from the Conservation Chemical site.

2. Completed activities:

Monday, November 4, 2002, ERRS mobilized in sand to use for pipe bedding in overflow trench and graded trench. A series of exploratory trenches around the proposed location for the new treatment building to determine the extent of buried concrete pads in the area.

Tuesday, November 5, 2002, ERRS began installing piping for the overflow trench in the infiltration gallery. Waste soil generated during excavation activities were composited.

Wednesday, November 6, 2002, ERRS completed installation of pipe in infiltration gallery overflow trench. Excavation of soil and concrete from proposed location of treatment building continued. Soil from site excavation was composited in the soil staging area.

Thursday, November 7, 2002, ERRS backfilled infiltration gallery overflow trench. Installation of infiltration gallery pipe began. Pump test on extraction well XW-2 was planned, however, plug on pump needed to be repaired and the pump test was postponed.

Friday, November 8, 2002, ERRS continued to prepare the area for the proposed water treatment building. Installation of the infiltration gallery pipe was completed and backfilled the infiltration gallery area with slag.

Results of analytical data from samples that were collected from the excavated soils were received. Results indicated that the soil is hazardous by TCLP lead levels above regulatory standards. This soil will have to be chemically stabilized with lime kiln dust and the fixated material will be disposed of off-site.

3. Enforcement:

Refer to Action Memorandum

B. Next Steps

ERRS will begin to lay sand bedding in extraction well pipe trench. Stub ups for treatment building will be installed. The construction on the proposed treatment building will begin on November 13, 2002. A concrete pad which measures 37' by 20' will be installed initially. A 20' by 20' treatment building will be constructed to house the water treatment equipment. This construction and installation will take 3-4 weeks

to complete.

C. Key Issues

None

V. **COST INFORMATION (estimated as of November 8, 2002)**

A CERCLA Funding

	<u>Total Cost To Date</u>	<u>Ceiling</u>
ERRS	\$ 395,403.14	\$ 690,000.00

B. OPA Funding

	<u>Total Cost To Date</u>	<u>Ceiling</u>
ERRS	\$ 1,108,953.73	\$ 1,240,000.00
START	\$ 14,172.51	\$ 32,370.00
Total	\$ 1,518,529.38	\$ 1,962,370.00

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI. **Waste Disposal**

No waste has been disposed of as of November 8, 2002